

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: ISAAK D. MAYERGOYZ, et al. :

Serial No: 10/776,214 : Art Unit # 3651

Filed: 12 February 2004 : Examiner:

Title: METHOD FOR INTERSYMBOL: Unknown  
INTERFERENCE REMOVAL IN  
DATA RECOVERY**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Applicants wish to make the following art references of record in the above-identified Patent Application pursuant to 37 C.F.R. §§ 1.97 and 1.98, and to the Duty of Disclosure set forth in 37 C.F.R. § 1.56

Although the information submitted herewith may be “material” to the Examiner’s consideration of the subject Patent Application, this submission is not intended to constitute an admission that such information is “prior art” as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search was made or that no other material information, as defined in 37 C.F.R. § 1.56(b), exists.

I. The cited references are:

<u>Ref. No.</u>	<u>Description</u>
A	C. Tse, et al., "High-speed massive imaging of hard disk data by using the spin-stand imaging technique," <i>J. Appl. Phys.</i> , Vol. 93, No. 10, pgs. 6578 – 6580, 15 May 2003
B	I.D. Mayergoyz, et al., "Scaling of head response function in the spin-stand imaging technique," <i>J. Appl. Phys.</i> , Vol. 93, No. 10, Pgs 6581-6583, 15 May 2003.
C	I.D. Mayergoyz, et al., "Extraction of the response function of GMR head for spin-stand imaging," <i>IEEE. Trans. Magn.</i> , Vol. 38, No. 5, pgs 2453-2455, 5 Sept. 2002.
D	C. Tse, et al., "Spatial and vectorial characterization of thermal relaxation using the spin-stand imaging technique." <i>J. Appl. Phys.</i> , Vol. 91, No. 10, pgs. 8846-8848, 15 May 2002.
E	I.D. Mayergoyz, et al., "Spin-stand imaging of overwritten data and its comparison with magnetic force microscopy," <i>J. Appl. Phys.</i> , Vol. 89, No. 11, pgs. 6772-6774, 1 June 2001.
F	I.D. Mayergoyz, et al., "Spin-stand imaging of transverse magnetization profiles of recorded tracks," <i>J. Appl. Phys.</i> , Vol. 89, No. 11, pgs. 6775-6777, 1 June 2001.
G	C. Tse, et al., "Spin-stand study of data-dependent thermal relaxations of magnetization patterns," <i>J. Materials Processing &amp; Manufacturing Science</i> , Vol. 9, pgs. 82-89, Oct. 2000.
H	I. D. Mayergoyz, et al., "Magnetic imaging on a spin-stand," <i>J. Appl. Phys.</i> Vol. 87, No. 9, pgs. 6824-6826, 1 May 2000.
I	I.A. Beardsley, "Reconstruction of the Magnetization in a Thin Film by a Combination of Lorentz Microscopy and External Field Measurements," <i>IEEE Trans. Magn.</i> , Vol. 25, No. 1, pgs. 671-677, Jan 1989.

J I.D. Mayergoyz, et al., "Magnetization Image Reconstruction from Magnetic Force Scanning Microscopy Images," *J. Appl. Phys.*, Vol. 73, No. 10, pgs, 5799-5801, 15 May 1993.

This Information Disclosure Statement is being filed more than three months subsequent to the filing date of the above-referenced Patent Application, but before the mailing of a first Office Action.

A Form PTO-1449 and copies of the references are submitted along with this document. It is hereby requested that the Examiner consider the references and make them of record in the above-referenced Patent Application.

Respectfully submitted,  
FOR: ROSENBERG, KLEIN & LEE



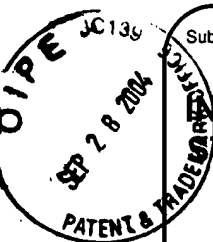
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Sheet	1	of	1	Application Number	10/776,214
				Filing Date	12 February 2004
				First Named Inventor	Isaak D. Mayergoyz
				Art Unit	3651
				Examiner Name	unknown
				Attorney Docket Number	MR2833-35

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	C. Tse, et al., "High-speed massive imaging of hard disk data by using the spin-stand imaging technique," J. Appl. Phys., Vol. 93, No. 10, pgs. 6578 – 6580, 15 May 2003	
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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